



# REPLACEMENT SHEET

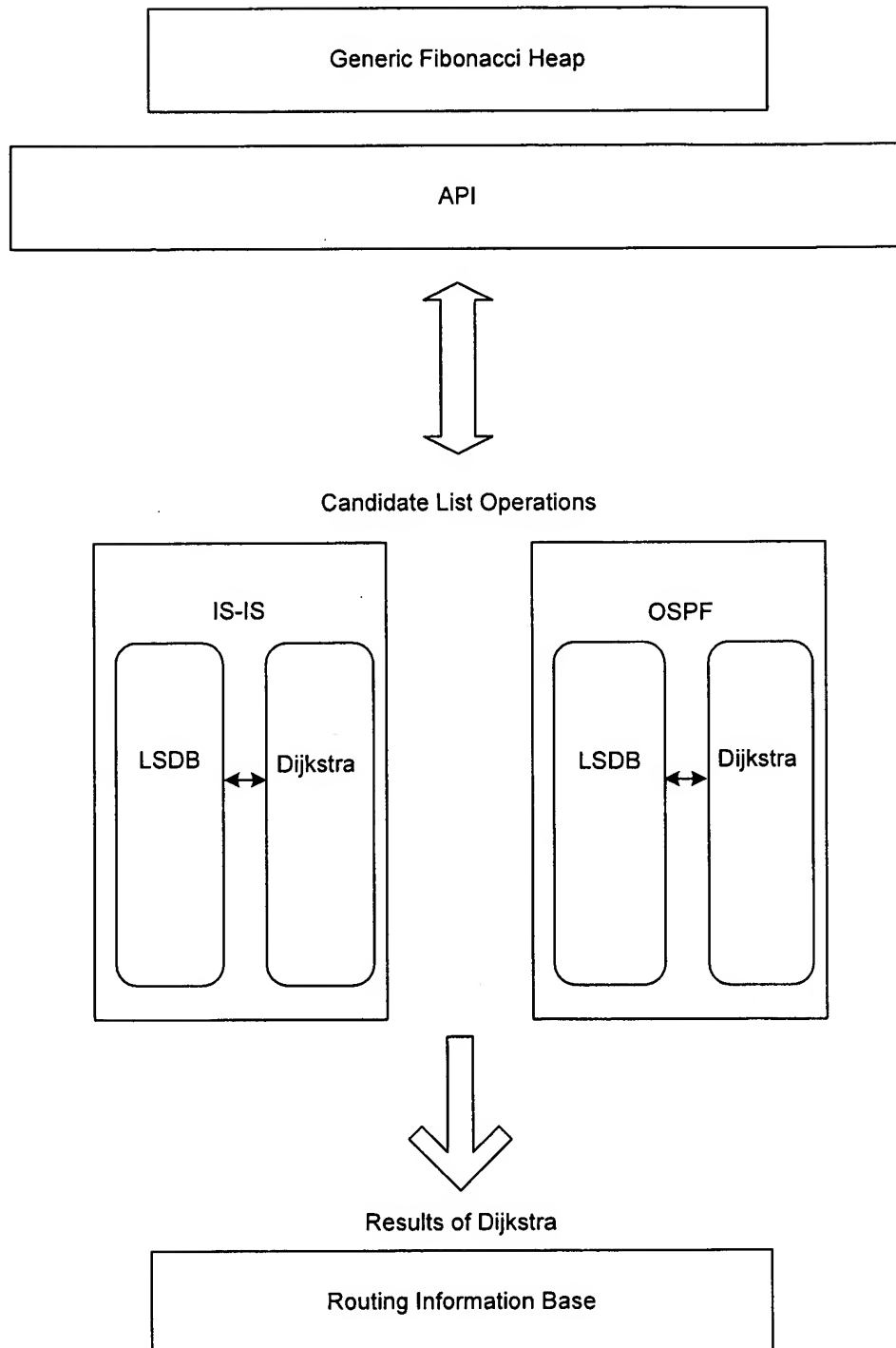
Title: FIBONACCI HEAP FOR USE WITH INTERNET ROUTING

Inventor: Nicholas Amato

Attorney Docket No.: 41434-8015.US01

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**FIG. 1**

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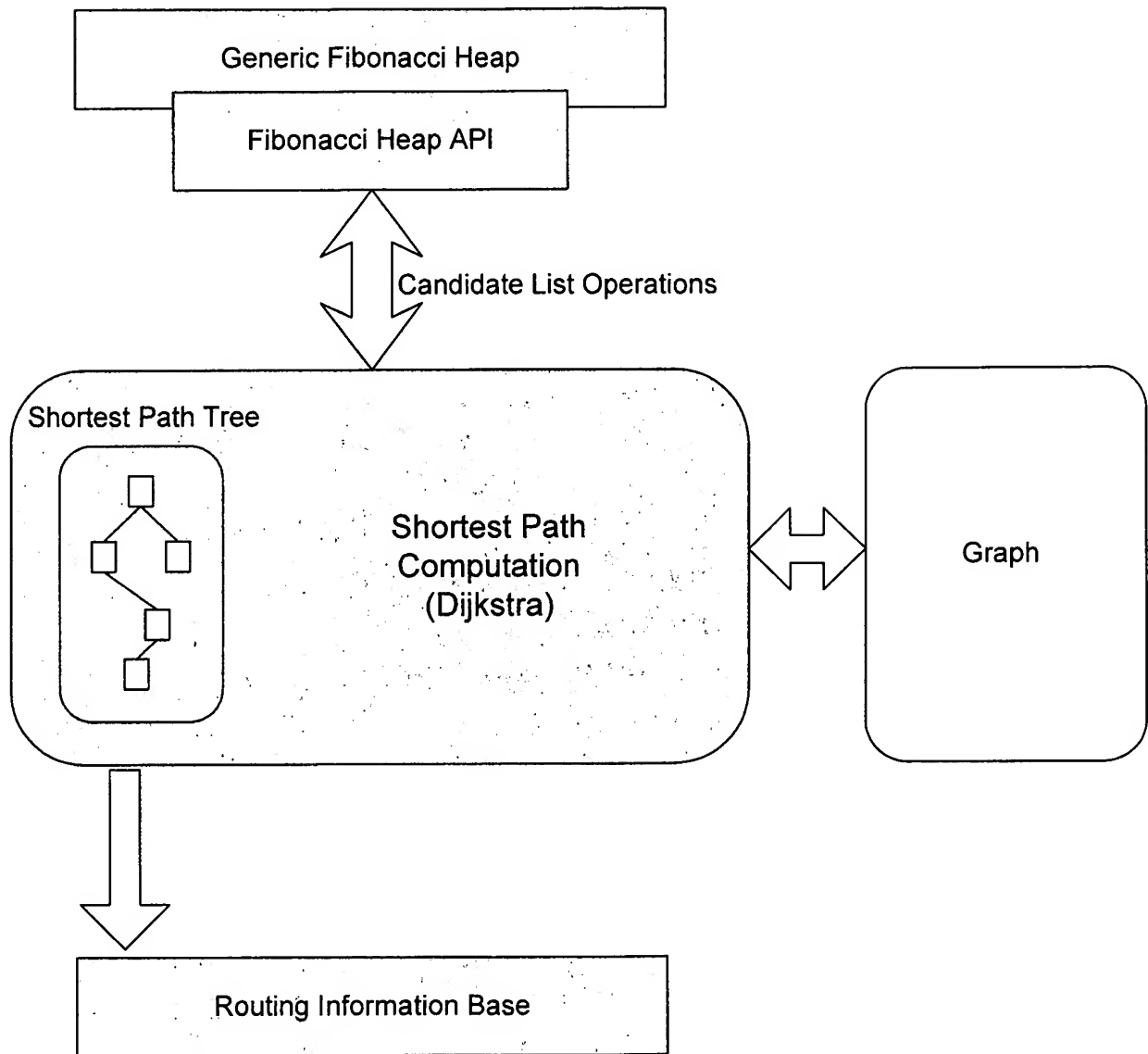


Figure 2

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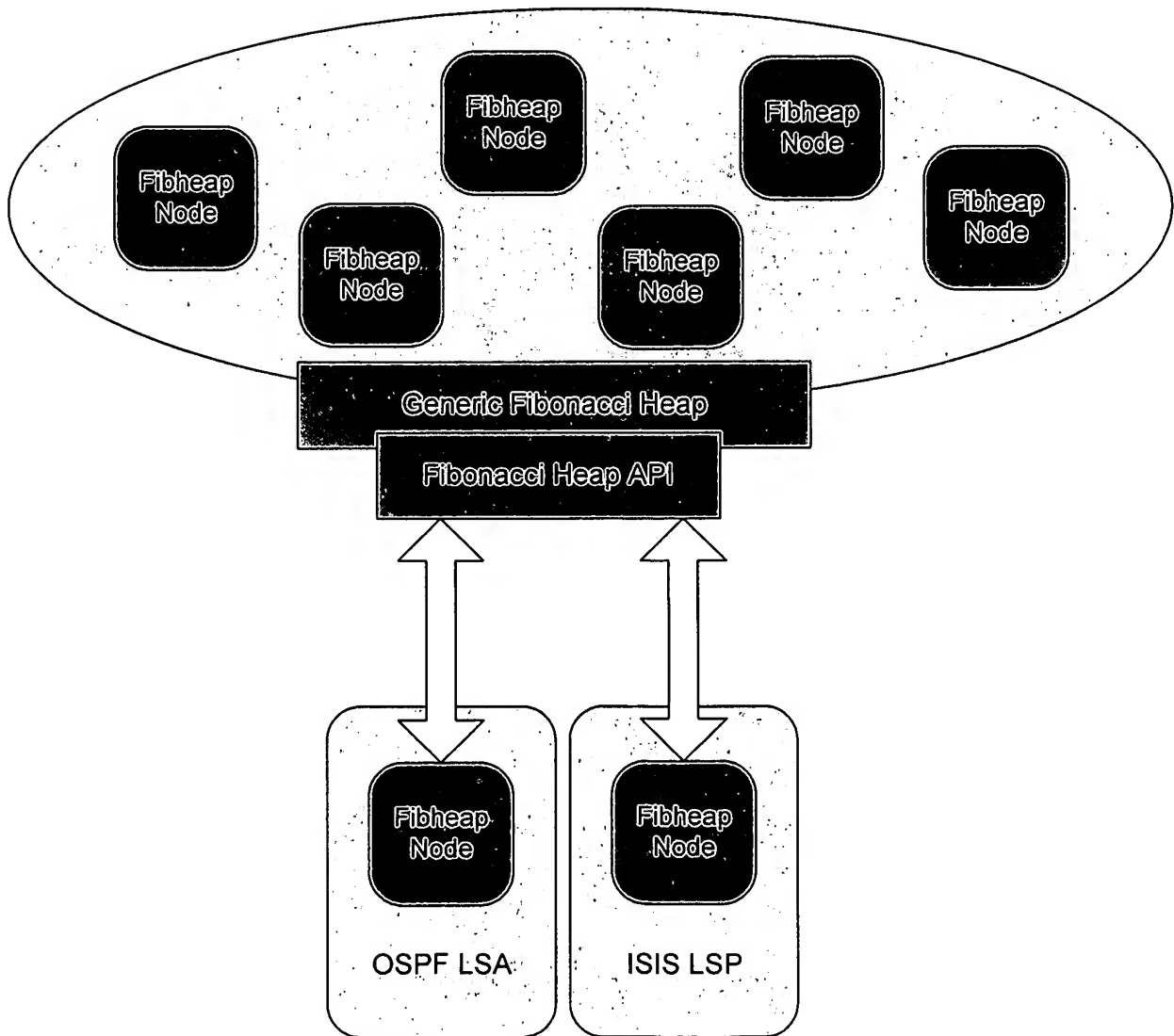
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Heap operates only on Fibheap Nodes

Figure 3

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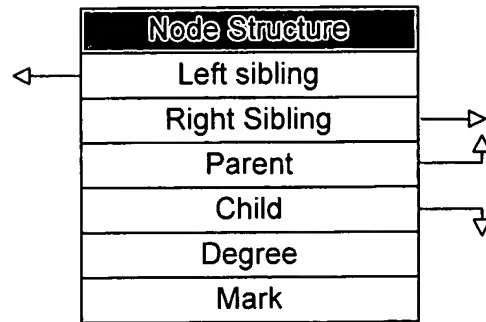
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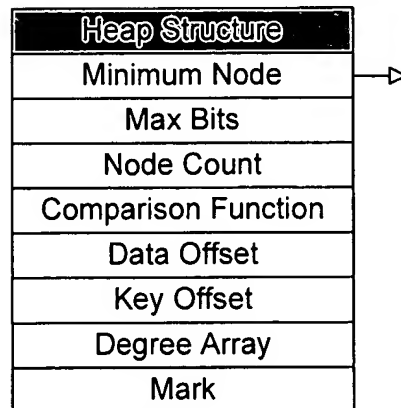
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Fibonacci Heap Node

Figure 4



Heap Instance Structure

Figure 5

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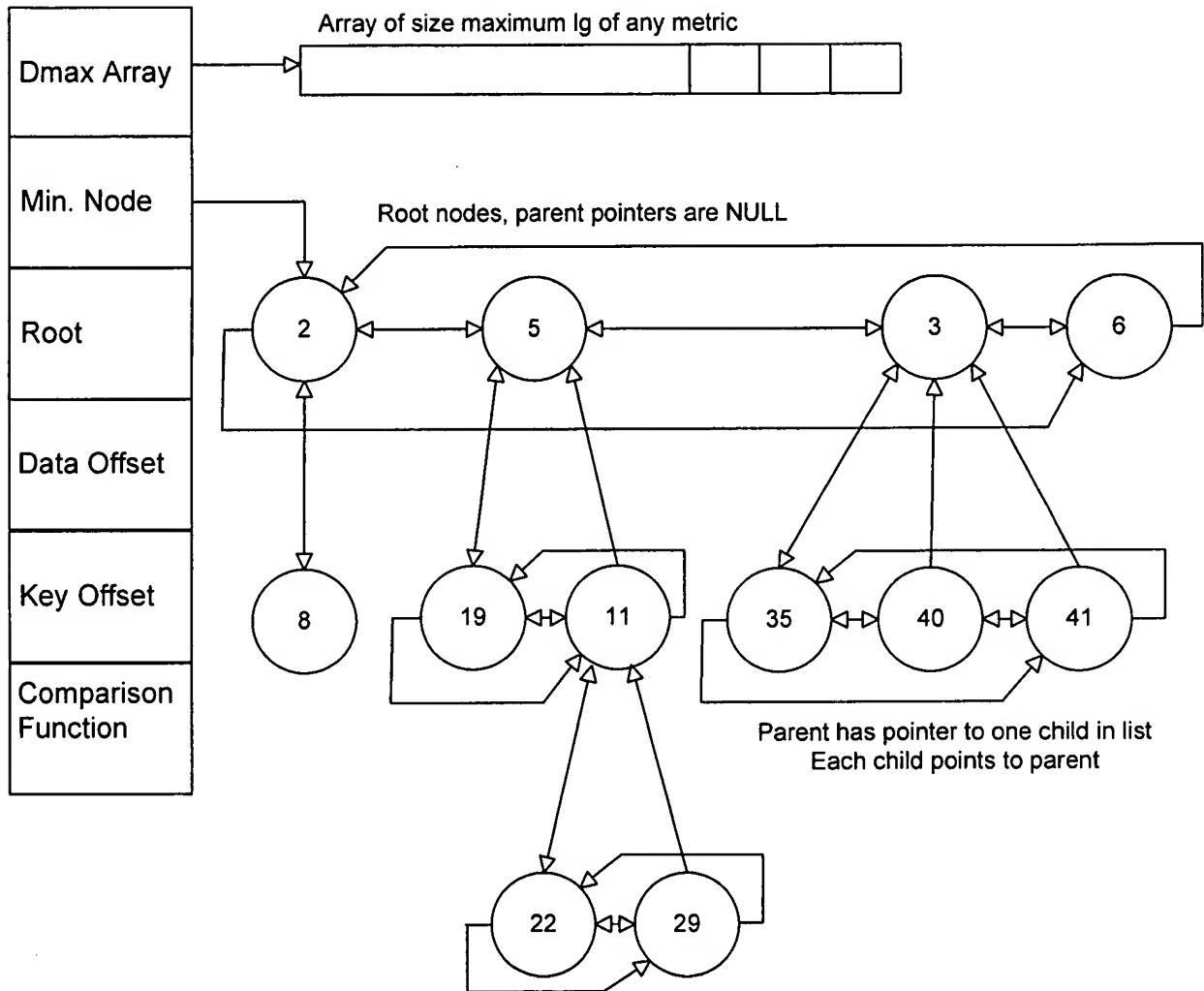


Figure 6

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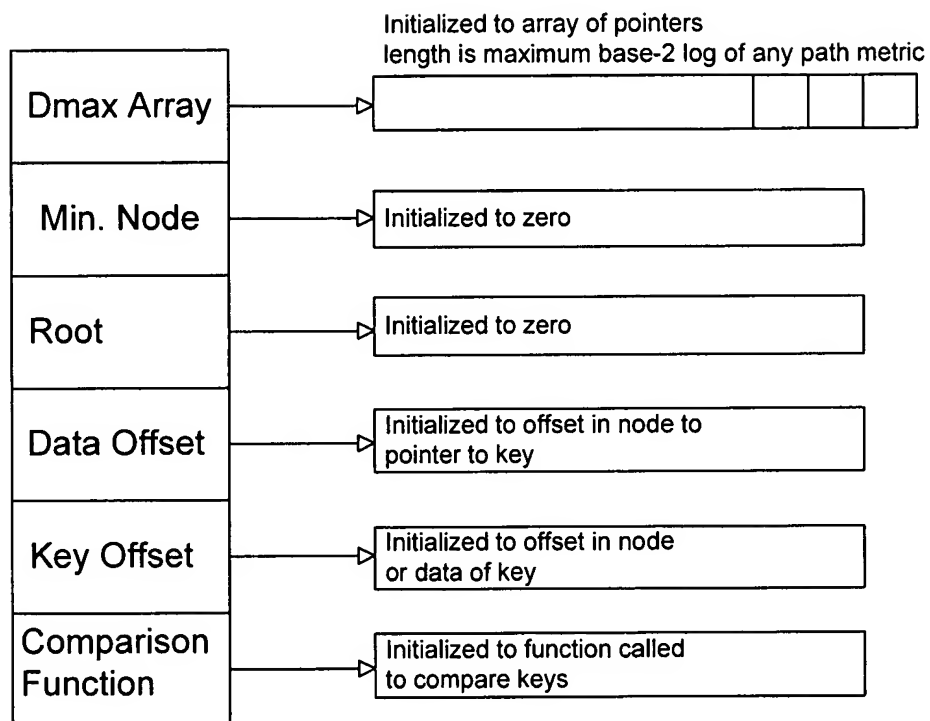


Figure 7

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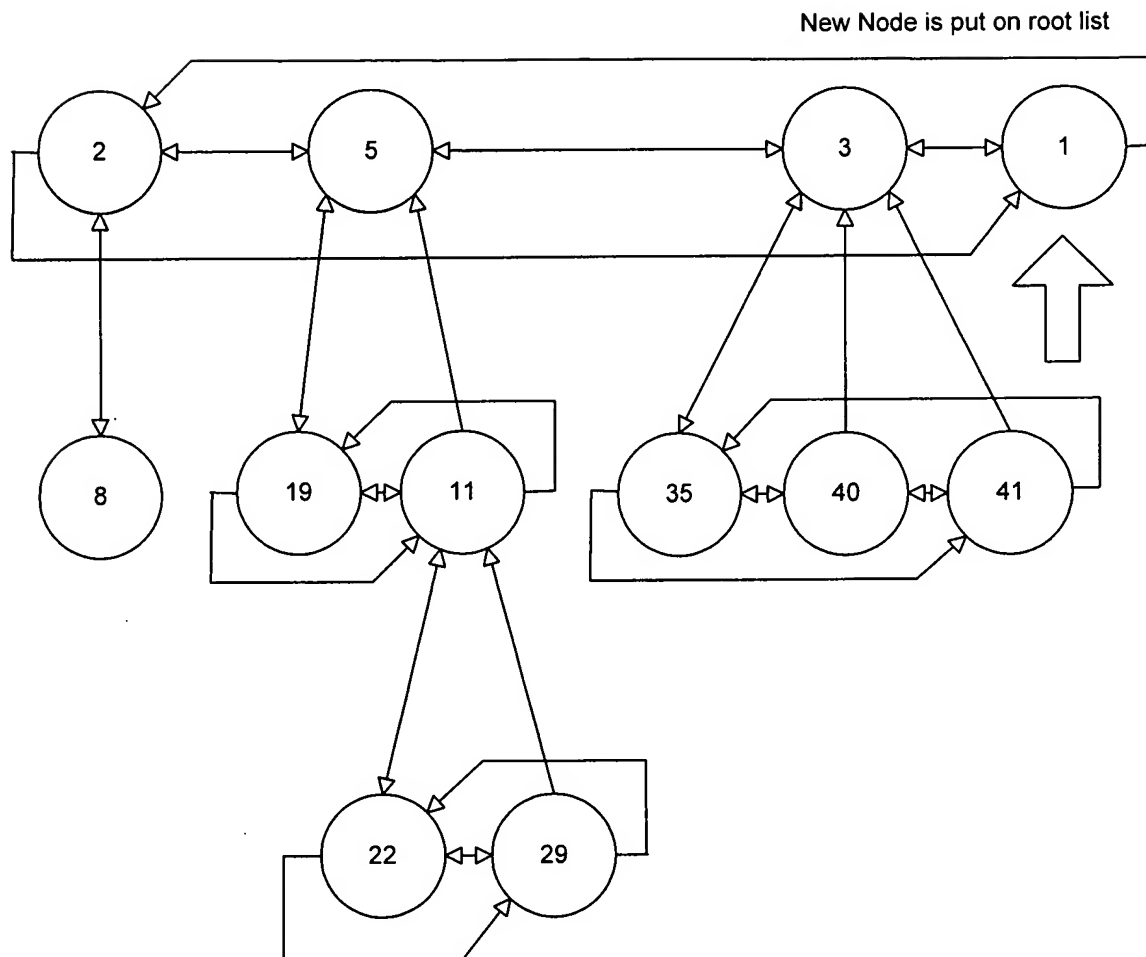


Figure 8

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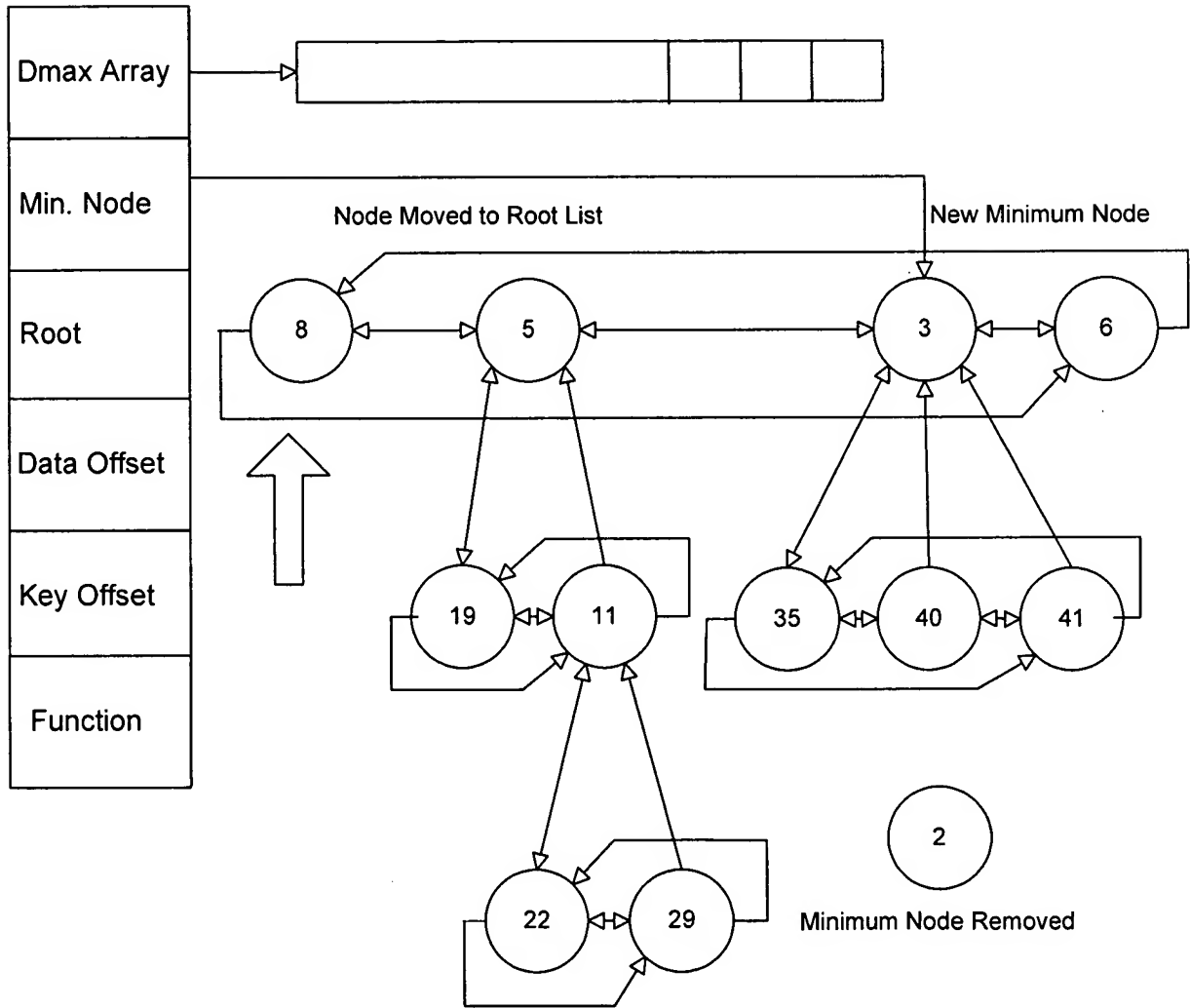


Figure 9



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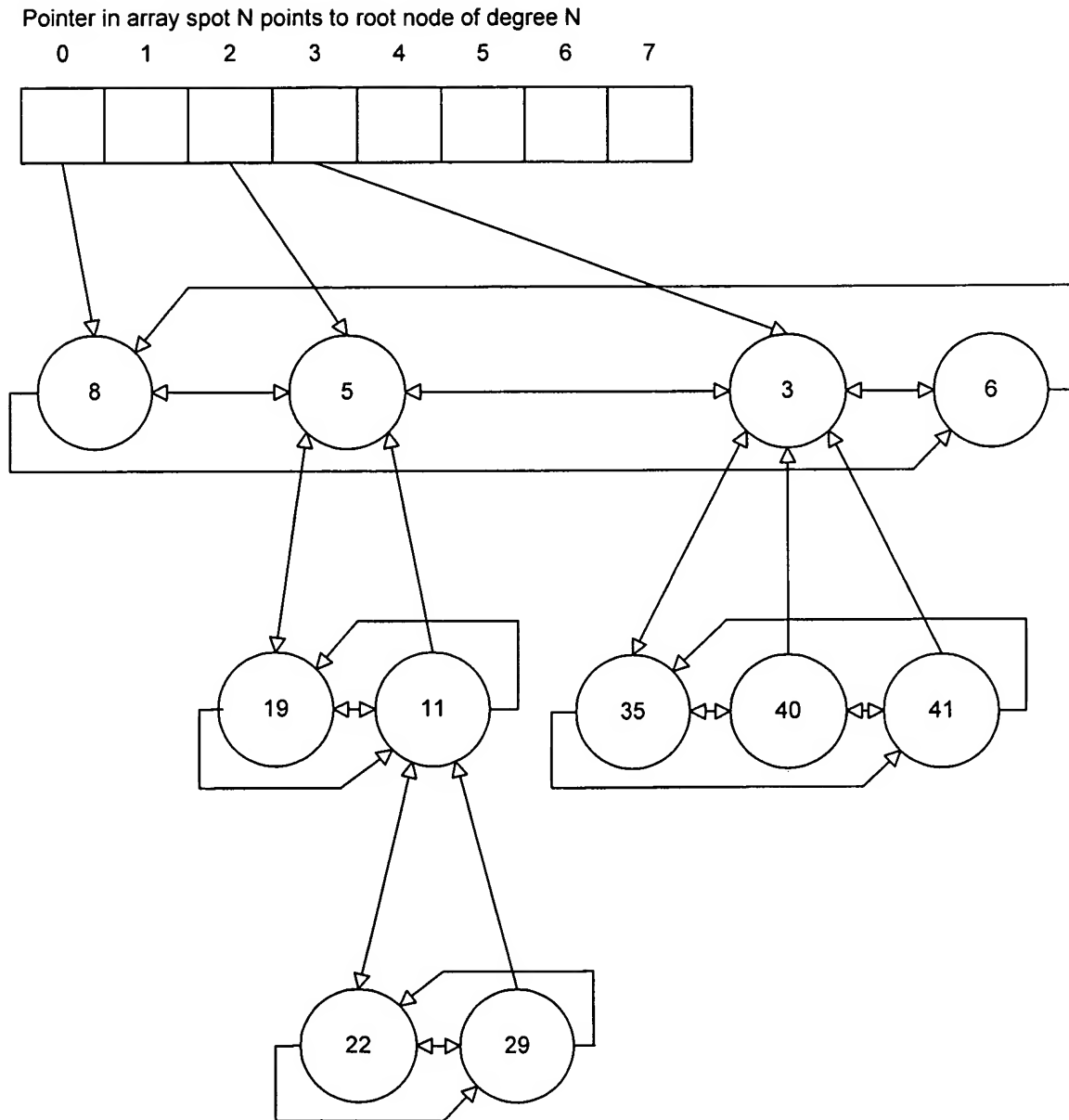


Figure 10

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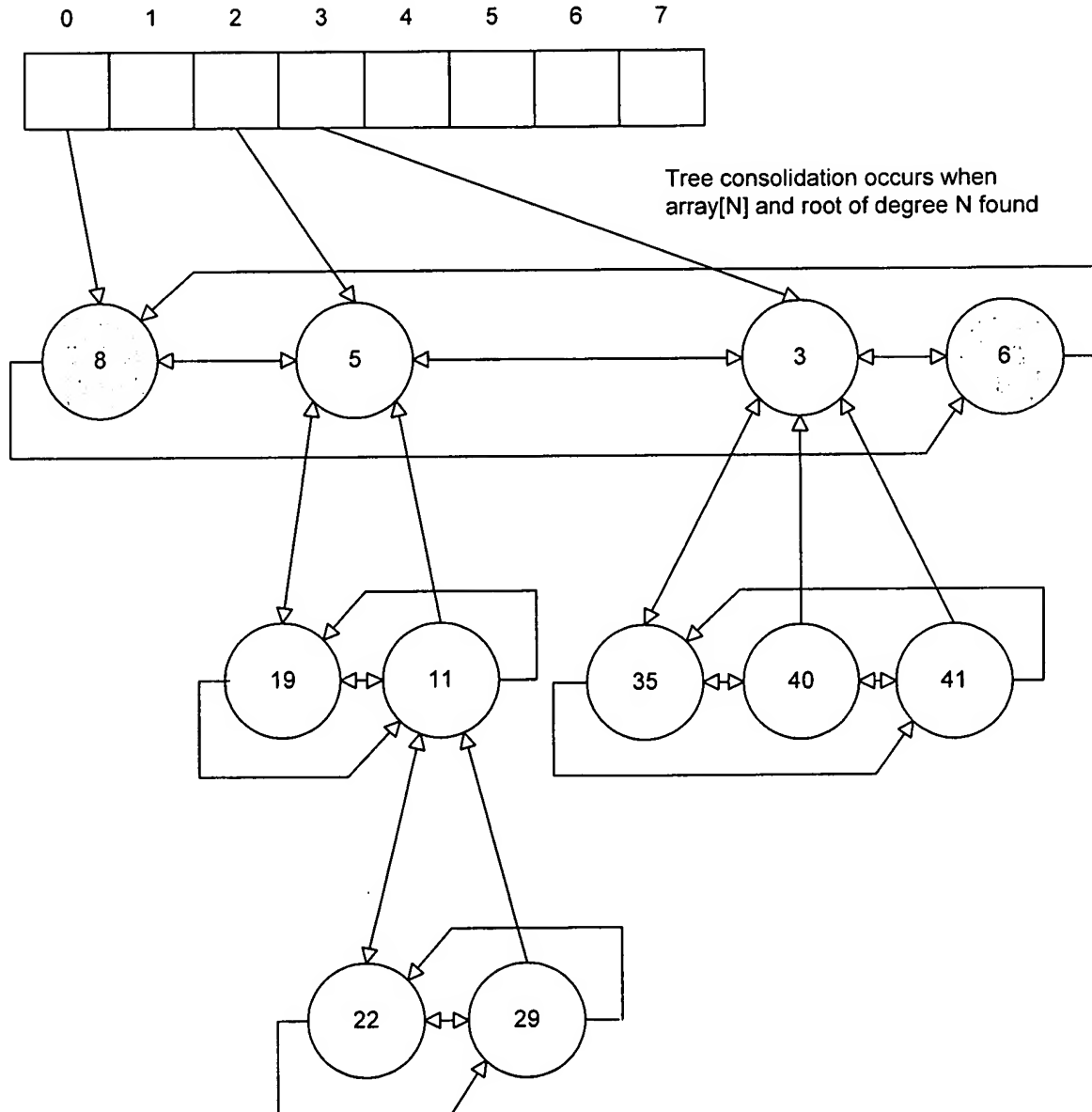
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1.  
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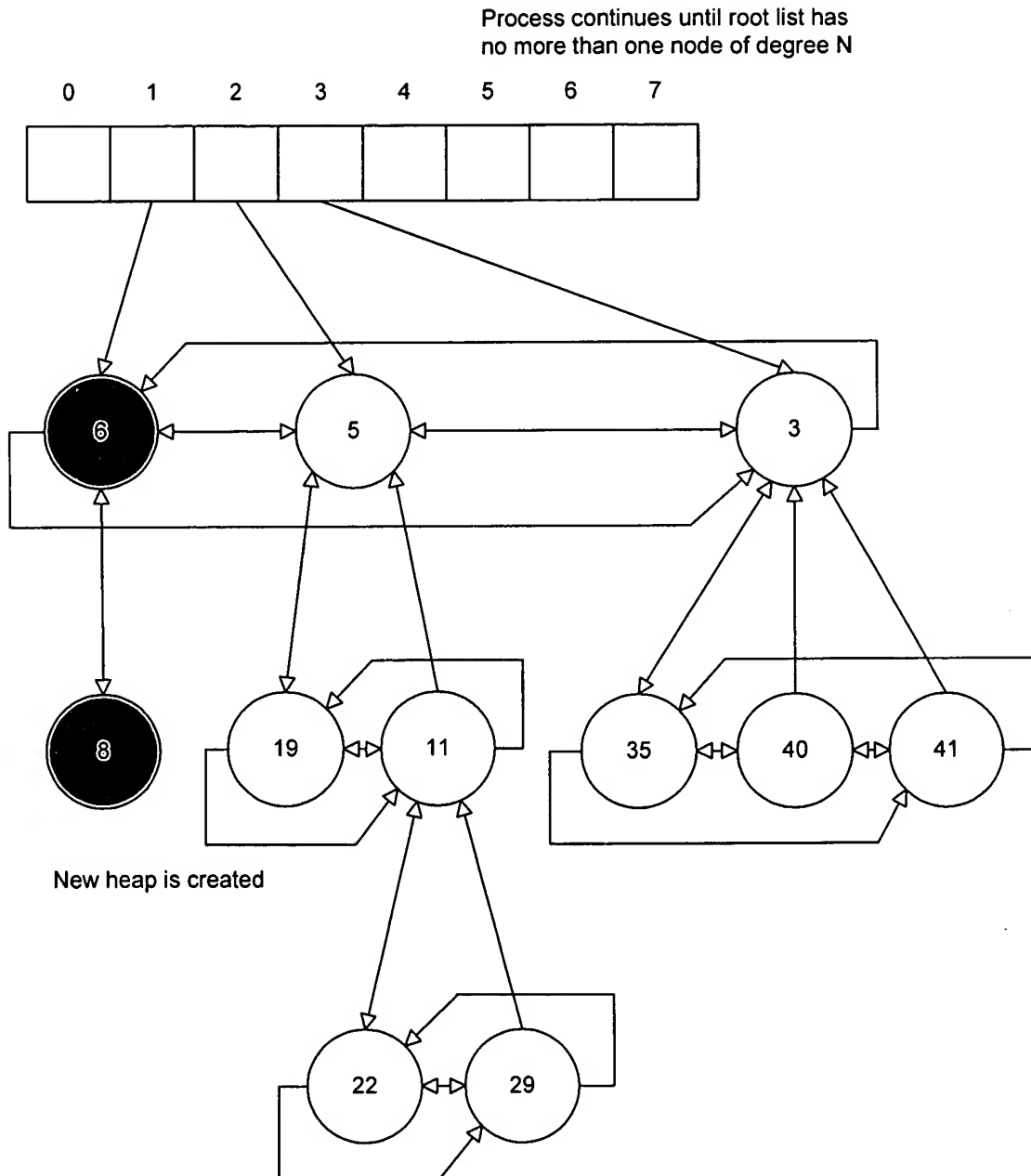


Figure 12

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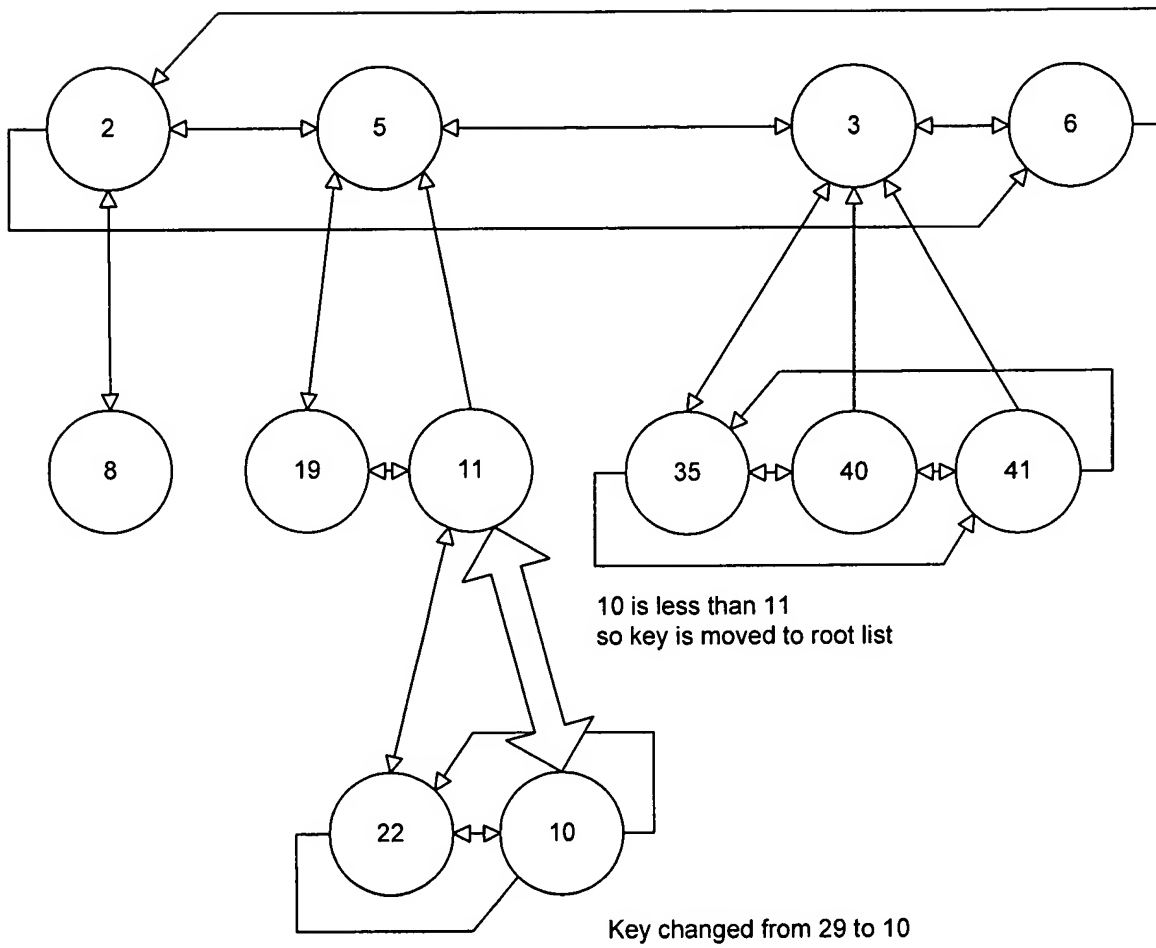


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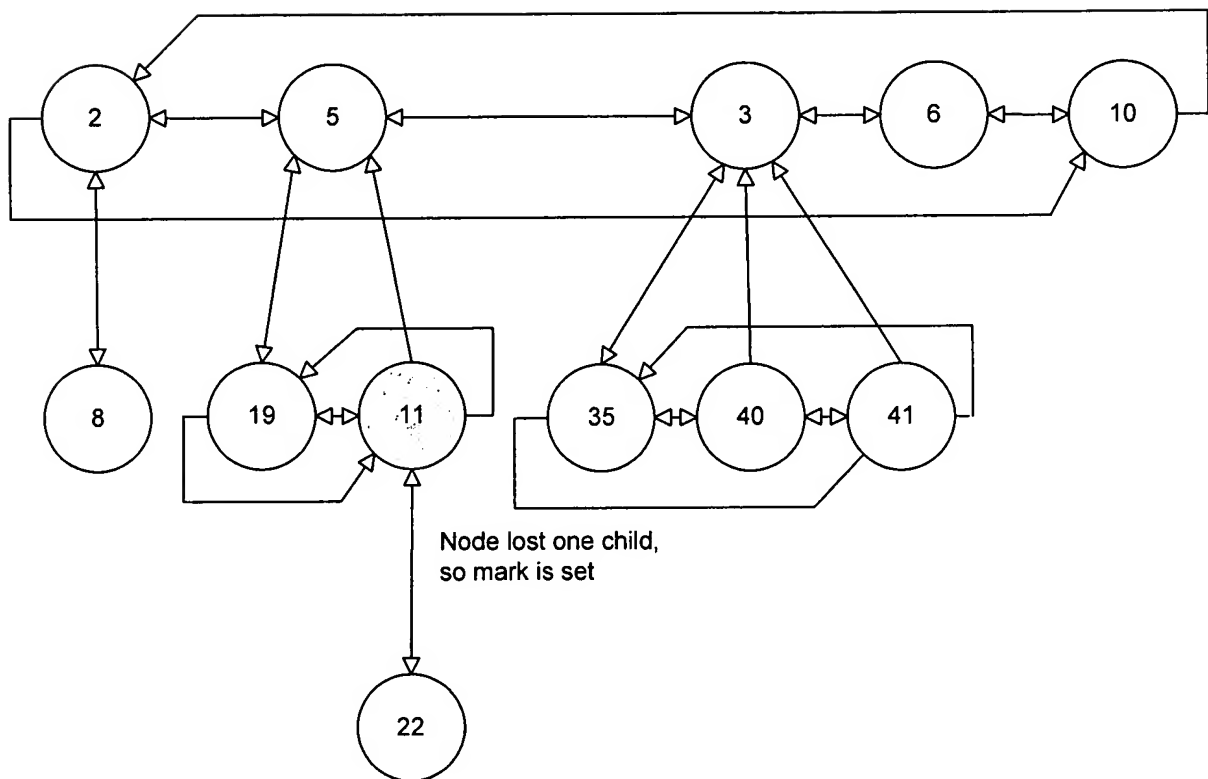


Figure 14

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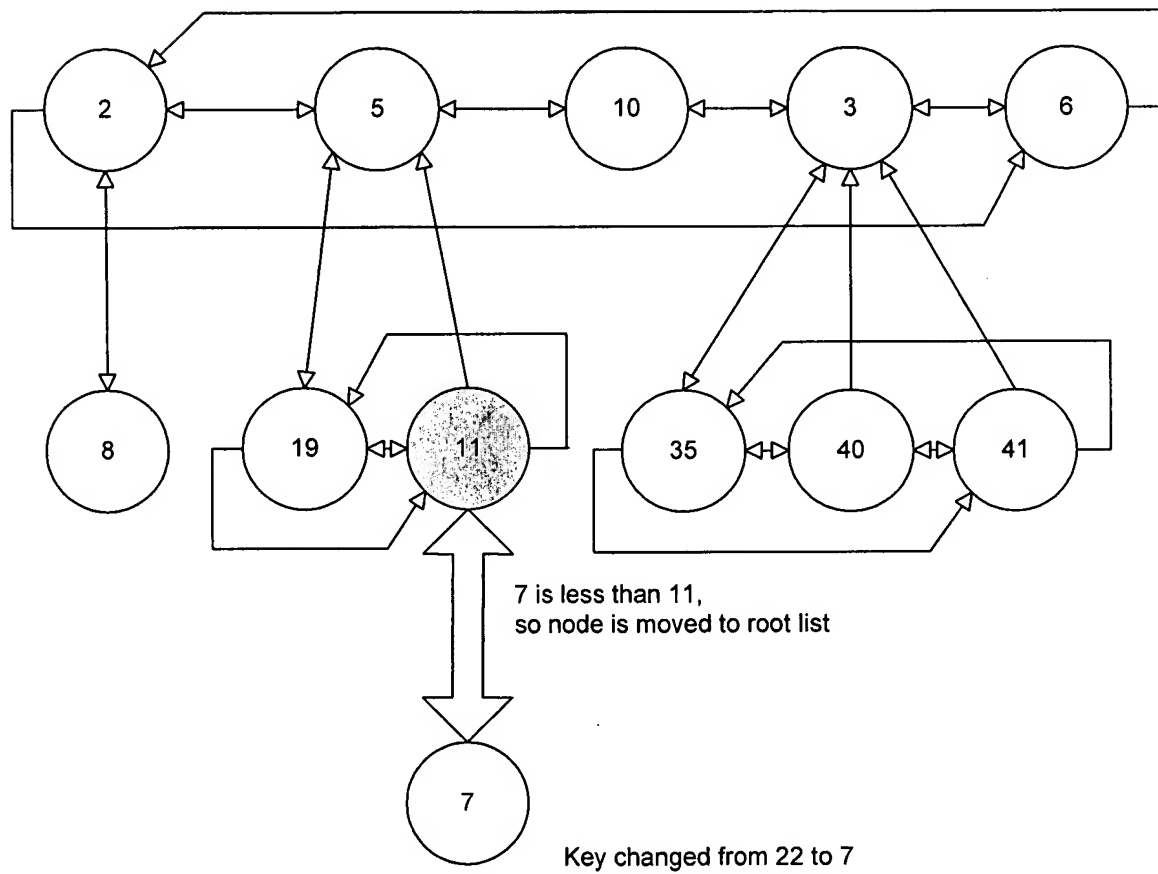
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2.  
Figure 15

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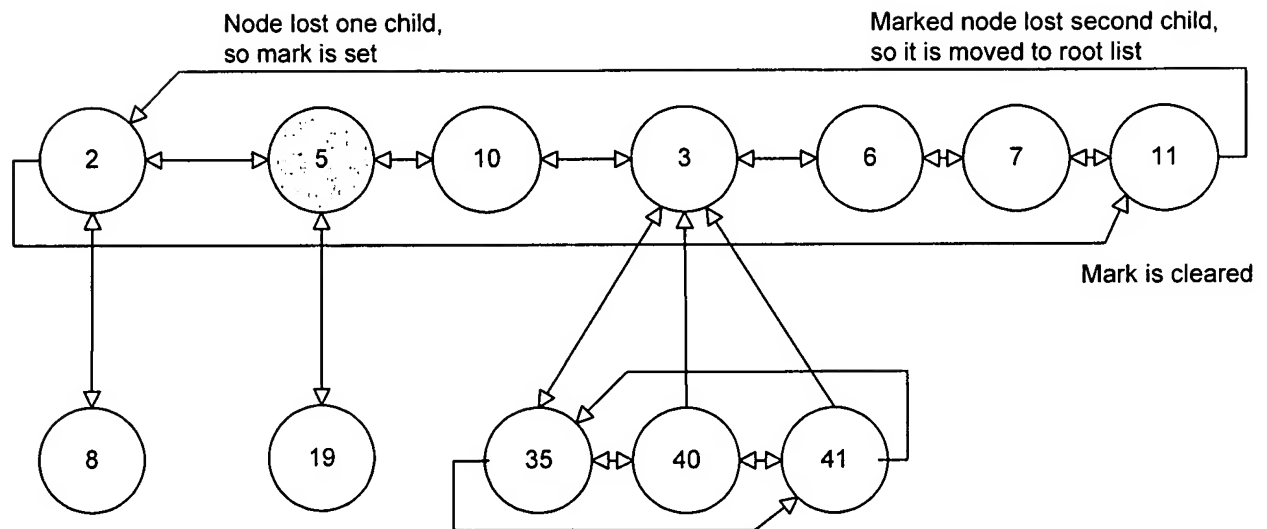
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3.  
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Candidate List Node
Fibheap pointer
Vertex (LSA)
Link Used

Figure 17

ISIS TENT Entry
Fibheap node
ISIS TENT Data

Figure 18